L Number	Hits	Search Text	DB	Time stamp
-	130771	(tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/30 10:29
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll		
-	47	((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:35
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll) with (wellbore or		
		(well near3 bore))		
-	2	(((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:30
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll) with (wellbore or		
		(well near3 bore))) same (longitud\$6 or plate or lamb)		
-	188	((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:35
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll) with (borehole or		
		(hole near3 bore))]	
_	20927	((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:58
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll or (bulk near3		
		acoustic)) same (longitud\$6 or plate or lamb)		
_	1436	(((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:58
	2.00	or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
1		acoustic) or (phase near3 lock) or pll or (bulk near3		
	•	acoustic)) same (longitud\$6 or plate or lamb)) same		
		(deposit\$6 or settling\$6 or mass)		
_	9	(((((tuning near3 fork) or microbalance or (micro adj	USPAT;	2004/01/29 10:59
		balance) or qcm or resonator or saw or baw or (surface	US-PGPUB	
		near3 acoustic) or (phase near3 lock) or pll or (bulk near3		
		acoustic)) same (longitud\$6 or plate or lamb)) same		
		(deposit\$6 or settling\$6 or mass)) same frequency) same		
_		fluid		
_ '	408	((((tuning near3 fork) or microbalance or (micro adj	USPAT;	2004/01/29 12:11
		balance) or qcm or resonator or saw or baw or (surface	US-PGPUB	
		near3 acoustic) or (phase near3 lock) or pll or (bulk near3		
}		acoustic)) same (longitud\$6 or plate or lamb)) same		
		(deposit\$6 or settling\$6 or mass)) same frequency		
_	12	4905701.URPN.	USPAT	2004/01/29 12:05
_	4	088752.ap.	USPAT;	2004/01/29 12:11
	•		US-PGPUB	
_	1217	mass.ti. and 73\$.ccls.	USPAT;	2004/01/29 12:27
	121/		US-PGPUB	
_	9775	(73/570-670).CCLS.	USPAT;	2004/01/29 12:27
-	3773	(13/3/0 0/0).000.	US-PGPUB	200 1101/23 12.27
_	40	(mass.ti. and 73\$.ccls.) and ((73/570-670).CCLS.)	USPAT;	2004/01/29 12:27
-	כד	(mass.ti. and /sp.ccis.) and ((/s/s/o/o/o/o/ccis.)	US-PGPUB	200 1101/25 12.27
_	41	5201215.URPN.	USPAT	2004/01/29 12:29
	7.1	SCOTETO ON III	1 OOIAI	1 200 1/01/23 12.23

_	66	(US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 14:33
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	{
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or	-	
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or	1	
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		:
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or	1	
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
	İ	US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030131400 \$ 01 03 20020170003 \$ 01 US-20030101822-\$ or US-20020121906-\$ or		
'		US-20030101022-\$ 01 US-20020121300-\$ 01 US-200101045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20030100194-\$ 07 US-20030127944-\$ 07 US-20020023493-\$).did.		
	45	"6182499"	USPAT;	2004/01/29 14:31
-	45	0102499	US-PGPUB	2007/01/23 17.31
	66	(UE 6593631 # 0* UE 6363610 # 0* UE 6000049 # 0*		2004/01/29 14:33
-	66	,	USPAT; US-PGPUB	2004/01/29 14.33
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	U3-PGPUB	
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did.		1

-	61	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 14:34
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030131400 \$ 01 03 20020170003 \$ 01 US-20030101822-\$ or US-20020121906-\$ or		
		US-200101022-\$ or US-20020121300-\$ or US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did.) and (well or wellbore or borehole		
		or (bore near3 hole) or petroleum or oil)		
	62	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 15:00
_	02	US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	2001/01/23 13.00
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or	03-40400	
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
·		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		·		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		ļ
		•		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did.) and (well or wellbore or borehole		1
[or (bore near3 hole) or petroleum or oil or gas)	1	

	- ₁		· · · · · · · · · · · · · · · · · · ·	
-	23	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 15:00
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		l '		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or	1	
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or	ļ	
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or	·	
		US-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did.) and (longitud\$8)		
	200045		LICDAT	2004/01/20 10:20
-	390045	acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:29
	5042	ultrasound\$4 or supersonic\$4 or supersound\$4	US-PGPUB	2004/04/20 40.50
-	5043	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:50
	-	ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit or deposition or buildup or (build adj up)) same		
		(well or wellbore or bore or borehole or water or sea or		
		barnacle or ship or vessel)		
-	401	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:51
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
	}	or deposit or deposition or buildup or (build adj up)) same		
	1	(well or wellbore or bore or borehole or water or sea or		
		barnacle or ship or vessel)) and 73\$.ccls.		
-	68	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:42
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit or deposition or buildup or (build adj up)) same		
		(well or wellbore or bore or borehole or water or sea or		
}		barnacle or ship or vessel)) same ((resonance or natural or		
		, , , , , , , , , , , , , , , , , , , ,		
	2000	resonant) near5 (frequency))	LICDAT.	2004/01/20 10:41
-	2099	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:41
		ultrasound\$4 or supersonic\$4 or supersound\$4) same	US-PGPUB	
		(settling or sand or impurities) same (well or wellbore or		
		bore or borehole or water or sea or barnacle or ship or		
		vessel)		
-	21	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:47
		ultrasound\$4 or supersonic\$4 or supersound\$4) same	US-PGPUB	
		(settling or sand or impurities) same (well or wellbore or		
		bore or borehole or water or sea or barnacle or ship or		
		vessel)) same ((resonance or natural or resonant) near5		
		(frequency))		
_	6955	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:46
	0933	ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	2001/01/30 10.70
			USTRUPUD	
		or deposit\$6 or buildup or (build adj up)) same (well or	1	
		wellbore or bore or borehole or water or sea or barnacle or		
	<u></u>	ship or vessel or oil or petroleum or petro)		

			,	
-	20	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:47
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit\$6 or buildup or (build adj up)) same (well or		
		wellbore or bore or borehole or water or sea or barnacle or	:	
		ship or vessel or oil or petroleum or petro)) same		
		((resonance or natural or resonant) near5 (frequency)) not		
		(((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or		
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale		
		or deposit or deposition or buildup or (build adj up)) same		
	•	(well or wellbore or bore or borehole or water or sea or		
		barnacle or ship or vessel)) same ((resonance or natural or		
		resonant) near5 (frequency)))		
-	20680	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:55
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (well	US-PGPUB	
		or wellbore or bore or borehole or water or sea or barnacle		
		or ship or vessel) same (transducer or transmitter or		
		transceiver or receiver)		
-	499	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:54
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
	}	or deposit\$6 or buildup or (build adj up)) same (well or		
		wellbore or bore or borehole or water or sea or barnacle or		
		ship or vessel or oil or petroleum or petro)) and 73\$.ccls.		
-	833	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:56
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (well	US-PGPUB	
		or wellbore or bore or borehole or water or sea or barnacle		
		or ship or vessel) same (transducer or transmitter or		
		transceiver or receiver)) same (expos\$4 or situ)		
-	40	(((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:56
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (well	US-PGPUB	
		or wellbore or bore or borehole or water or sea or barnacle		
		or ship or vessel) same (transducer or transmitter or		
		transceiver or receiver)) same (expos\$4 or situ)) same (horn		
:		or coupler or waveguide or (wave adj guide))		
-	3	4872345.URPN	USPAT	2004/01/30 11:22
-	7	("3056284" "3165923" "3228232" "3587299"	USPAT	2004/01/30 11:25
		"4289031" "4446736" "4545248").PN.		2004/04/20 44 27
-	8	3056284.URPN.	USPAT	2004/01/30 11:27
-	14	4286461.URPN.	USPAT	2004/01/30 11:32
-	4	("3603145" "3648513" "3776032" "4130010").PN.	USPAT	2004/01/30 11:33